

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG062719\
 Data File : BG041488.D
 Acq On : 27 Jun 2019 13:06
 Operator : HP/JU
 Sample : K3539-01
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MH-J-A-UNTREATED

Quant Time: Jun 28 05:51:17 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG062619.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 27 13:25:55 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.03	152	32939	20.00	ng	0.00
21) Naphthalene-d8	10.86	136	121876	20.00	ng	0.00
39) Acenaphthene-d10	14.67	164	87190	20.00	ng	0.00
64) Phenanthrene-d10	17.42	188	215803	20.00	ng	0.00
76) Chrysene-d12	21.70	240	217659	20.00	ng	0.00
87) Perylene-d12	24.98	264	237848	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.57	112	94192	50.98	ng	0.00
7) Phenol-d6	7.19	99	77739	29.89	ng	0.00
23) Nitrobenzene-d5	9.21	82	250021	85.56	ng	0.00
42) 2,4,6-Tribromophenol	16.17	330	194517	130.66	ng	0.00
45) 2-Fluorobiphenyl	13.30	172	611766	90.04	ng	0.00
79) Terphenyl-d14	20.03	244	1098135	107.21	ng	0.00

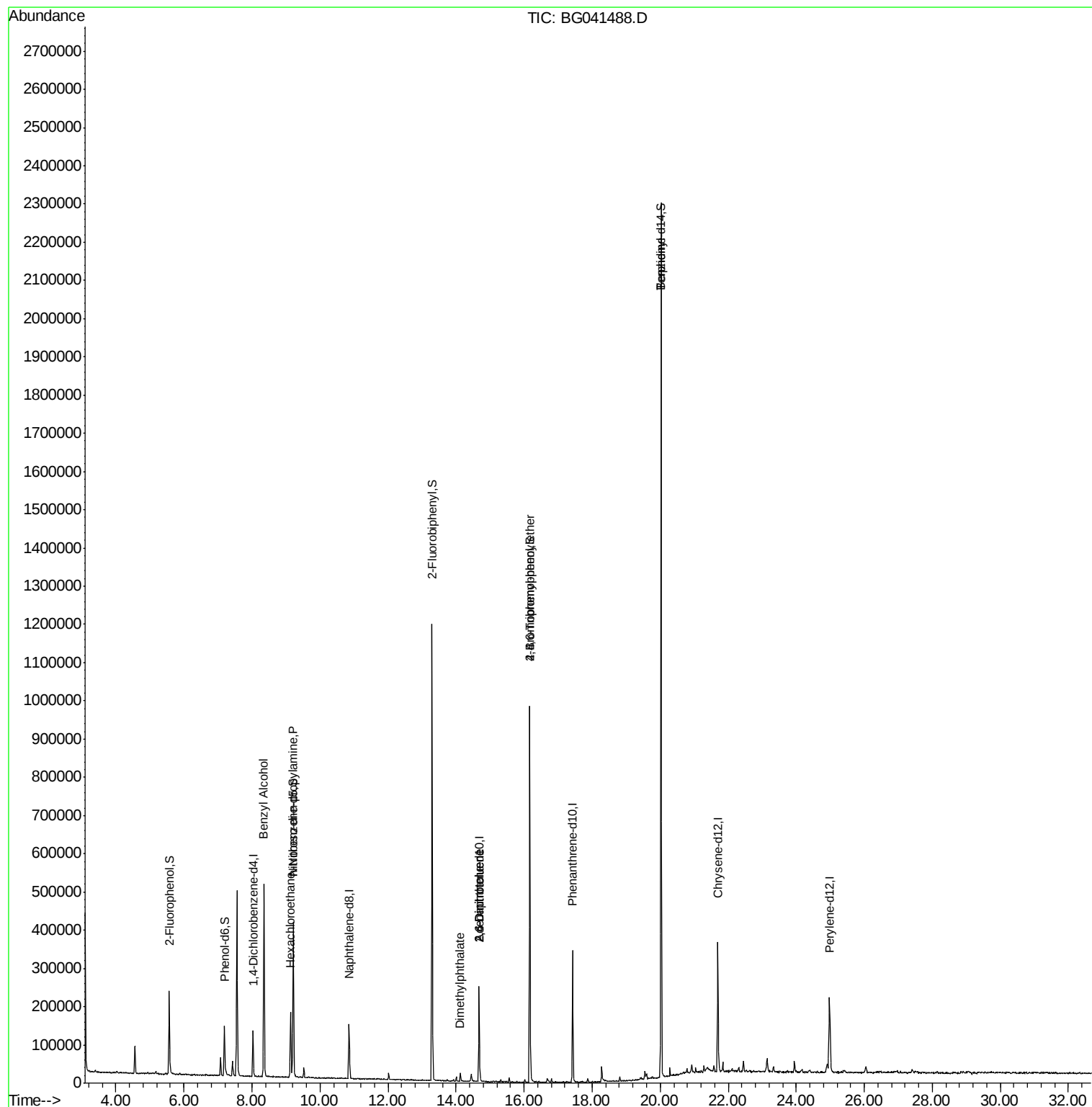
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
15) Benzyl Alcohol	8.35	79	4857	2.345	ng	# 54
18) Hexachloroethane	9.13	117	2150	2.017	ng	# 1
19) n-Nitroso-di-n-propylamine	9.21	70	35925	18.518	ng	# 73
50) Dimethylphthalate	14.13	163	16169	2.038	ng	# 95
51) 2,6-Dinitrotoluene	14.67	165	10924	6.488	ng	# 17
57) 2,4-Dinitrotoluene	14.67	165	10924	4.472	ng	# 22
67) 4-Bromophenyl-phenylether	16.17	248	14083	4.775	ng	# 1
77) Benzidine	20.03	184	18557	3.843	ng	97

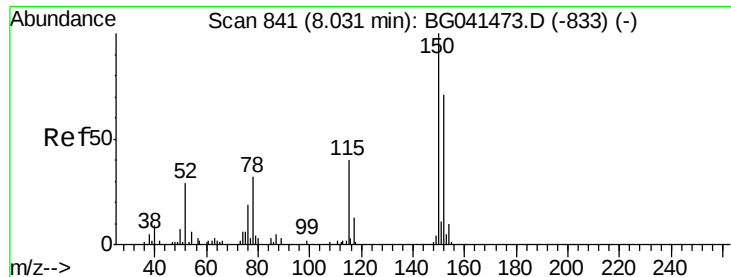
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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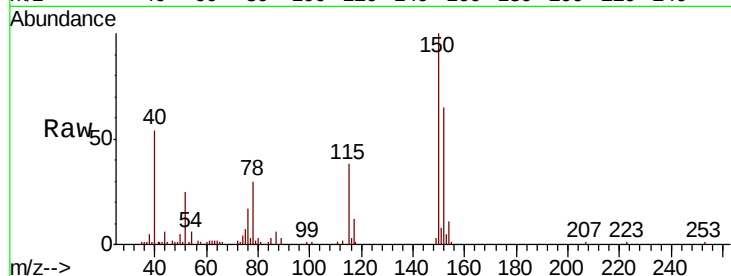


#1

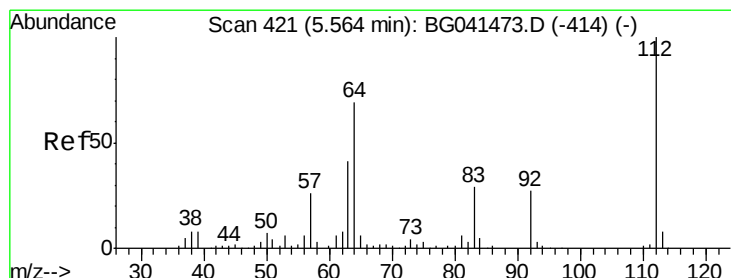
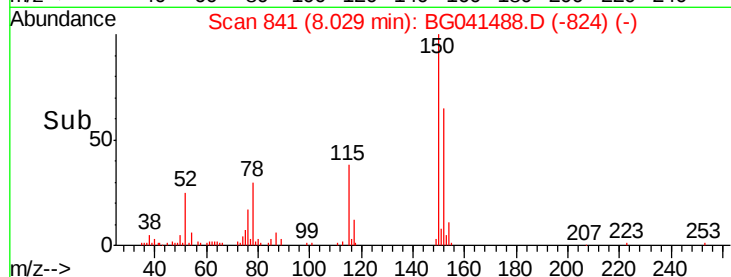
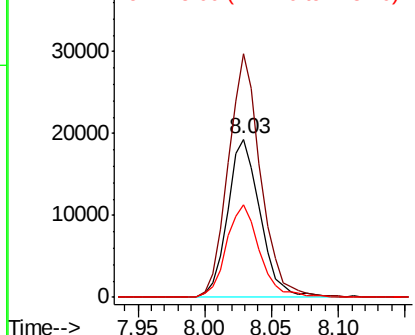
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.03 min Scan# 841
Delta R.T. -0.00 min
Lab File: BG041488.D
Acq: 27 Jun 2019 13:06

Instrument :
BNA_G
ClientSampleId :
MH-J-A-UNTREATED

Tgt Ion:152 Resp: 32939
Ion Ratio Lower Upper
152 100
150 153.7 112.4 168.6
115 58.1 44.6 66.8



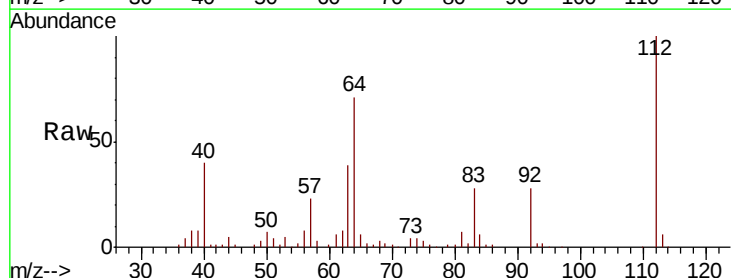
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



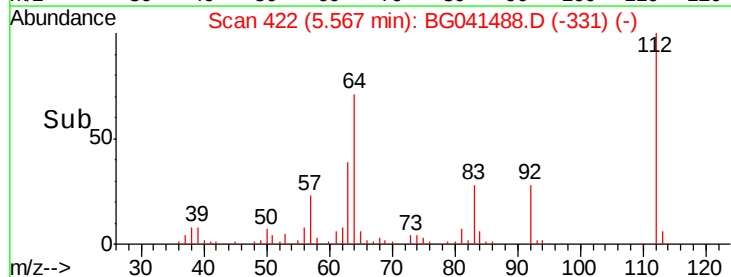
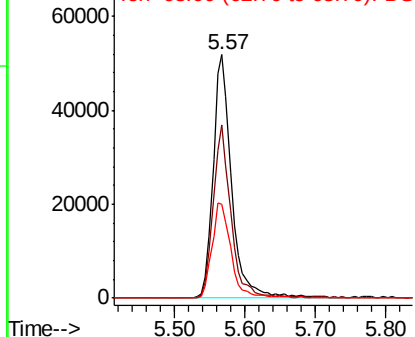
#5

2-Fluorophenol
Concen: 50.982 ng
RT: 5.57 min Scan# 422
Delta R.T. 0.00 min
Lab File: BG041488.D
Acq: 27 Jun 2019 13:06

Tgt Ion:112 Resp: 94192
Ion Ratio Lower Upper
112 100
64 71.0 55.1 82.7
63 38.8 32.4 48.6



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BG
Ion 63.00 (62.70 to 63.70): BG





#7

Phenol-d6

Concen: 29.890 ng

RT: 7.19 min Scan# 698

Delta R.T. 0.00 min

Lab File: BG041488.D

Acq: 27 Jun 2019 13:06

Instrument :

BNA_G

ClientSampleId :

MH-J-A-UNTREATED

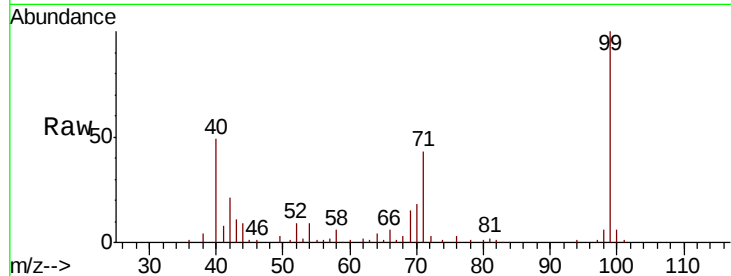
Tgt Ion: 99 Resp: 77739

Ion Ratio Lower Upper

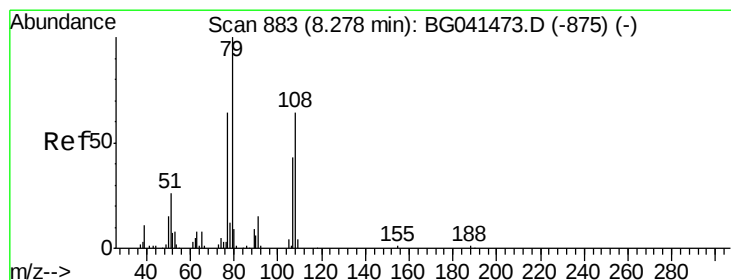
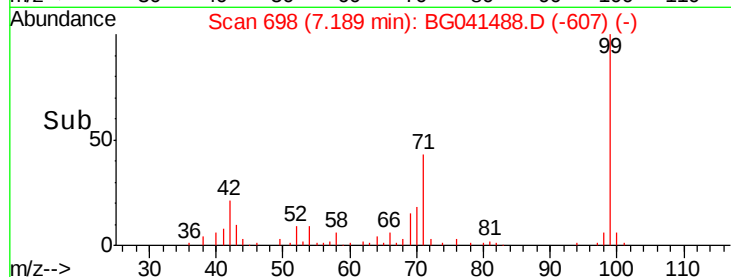
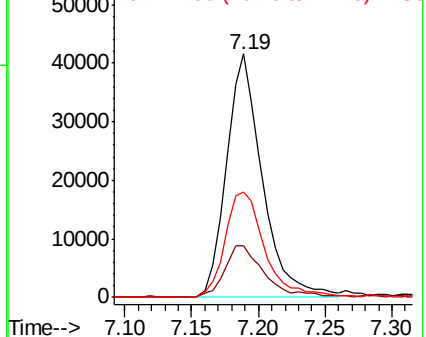
99 100

42 21.1 19.0 28.6

71 43.2 37.4 56.2



Abundance Ion 99.00 (98.70 to 99.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 71.00 (70.70 to 71.70): BGC



#15

Benzyl Alcohol

Concen: 2.345 ng

RT: 8.35 min Scan# 896

Delta R.T. 0.07 min

Lab File: BG041488.D

Acq: 27 Jun 2019 13:06

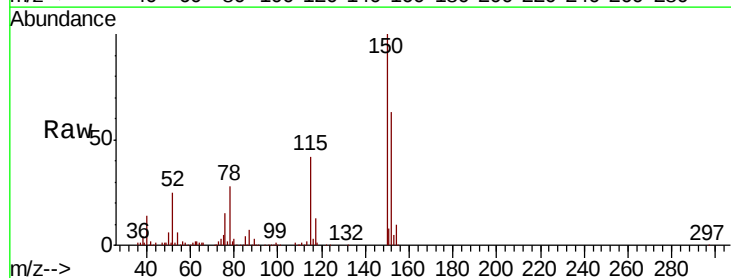
Tgt Ion: 79 Resp: 4857

Ion Ratio Lower Upper

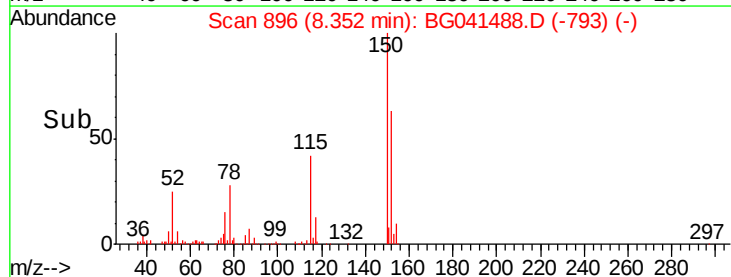
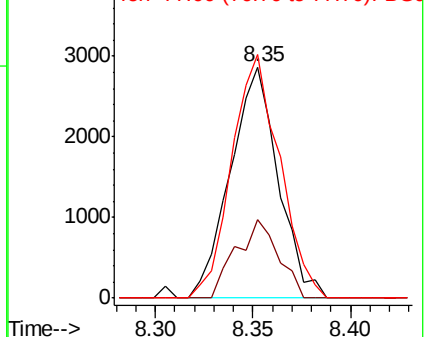
79 100

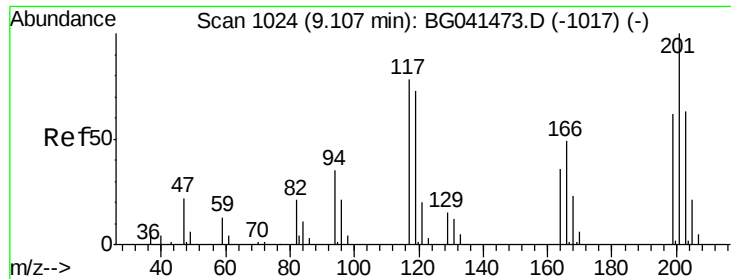
108 34.1 51.4 77.0#

77 105.5 50.8 76.2#



Abundance Ion 79.00 (78.70 to 79.70): BGC
Ion 108.00 (107.70 to 108.70): BGC
Ion 77.00 (76.70 to 77.70): BGC

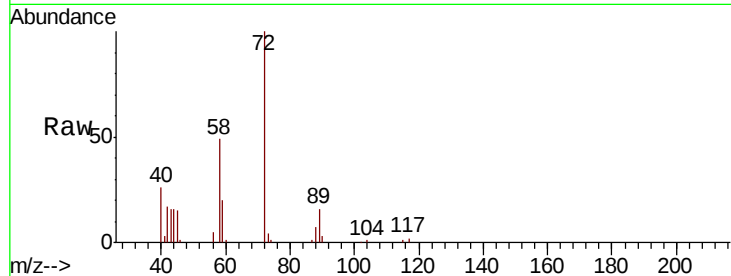




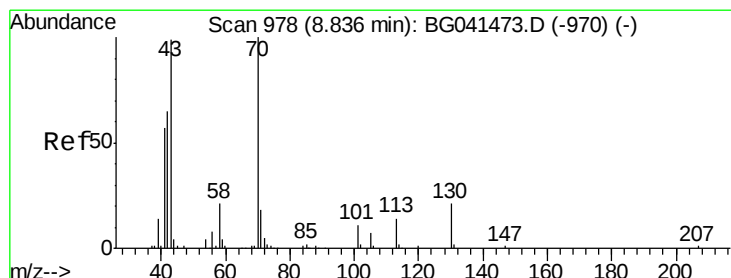
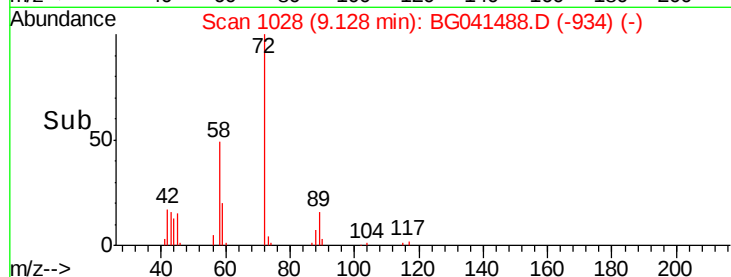
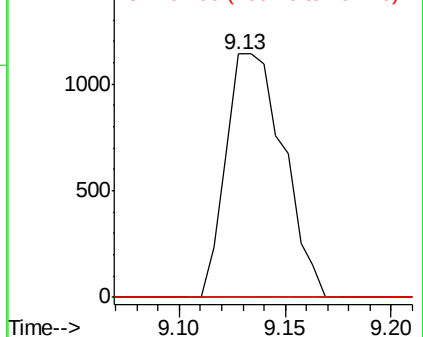
#18
Hexachloroethane
Concen: 2.017 ng
RT: 9.13 min Scan# 1028
Delta R.T. 0.02 min
Lab File: BG041488.D
Acq: 27 Jun 2019 13:06

Instrument :
BNA_G
ClientSampleId :
MH-J-A-UNTREATED

Tgt Ion: 117 Resp: 2150
Ion Ratio Lower Upper
117 100
119 0.0 74.3 111.5#
201 0.0 102.3 153.5#

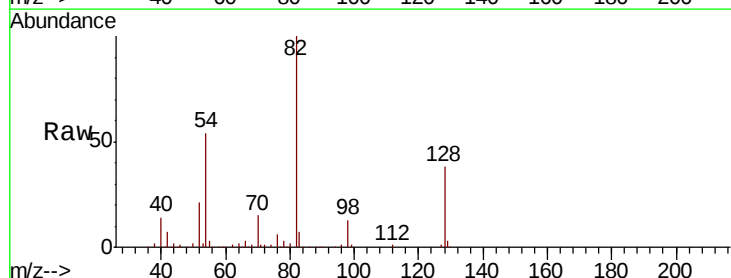


Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E

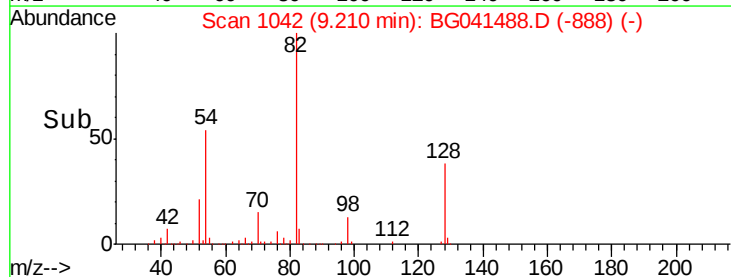
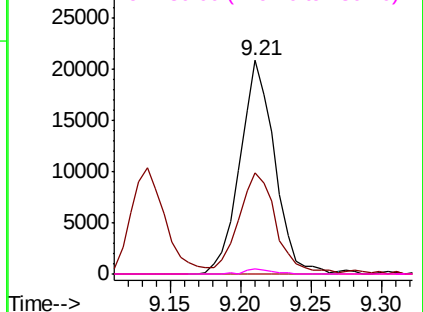


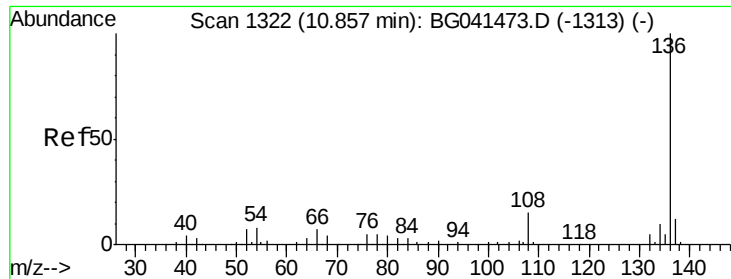
#19
n-Nitroso-di-n-propylamine
Concen: 18.518 ng
RT: 9.21 min Scan# 1042
Delta R.T. 0.37 min
Lab File: BG041488.D
Acq: 27 Jun 2019 13:06

Tgt Ion: 70 Resp: 35925
Ion Ratio Lower Upper
70 100
42 47.3 52.6 78.8#
101 0.0 8.6 13.0#
130 2.4 16.6 25.0#



Abundance Ion 70.00 (69.70 to 70.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 101.00 (100.70 to 101.70): BGC
Ion 130.00 (129.70 to 130.70): BGC

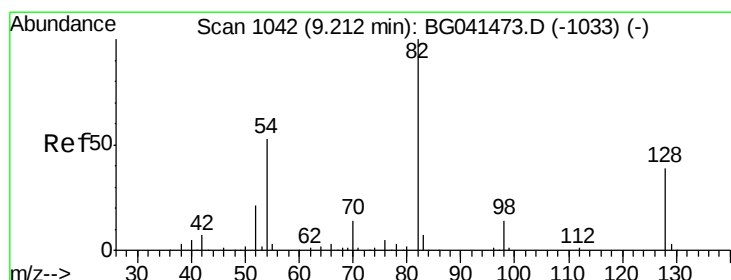
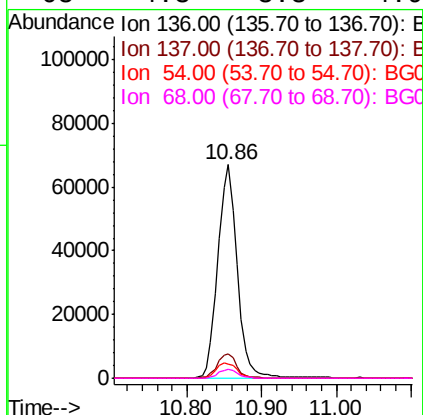
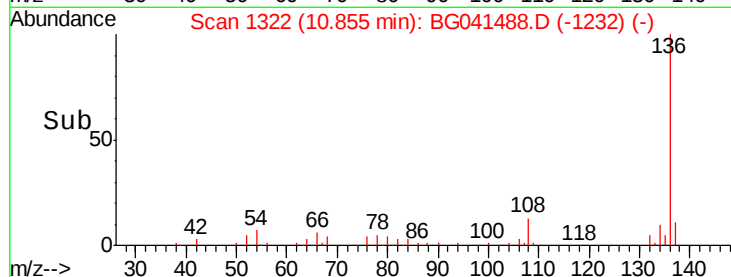
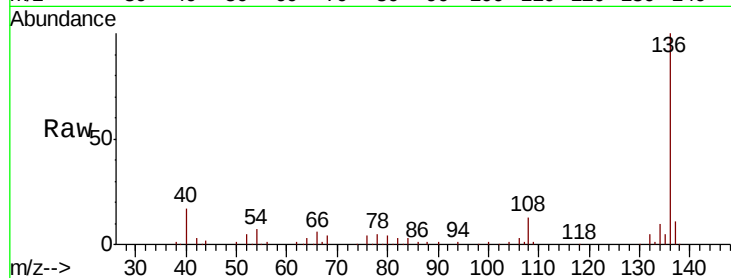




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.86 min Scan# 1322
Delta R.T. -0.00 min
Lab File: BG041488.D
Acq: 27 Jun 2019 13:06

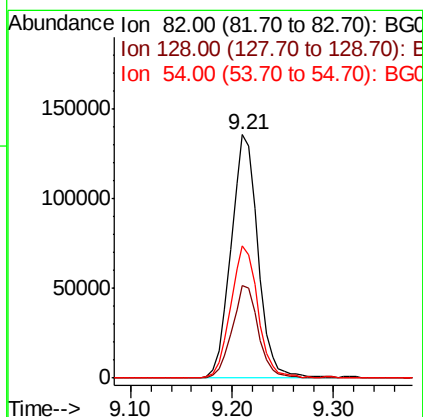
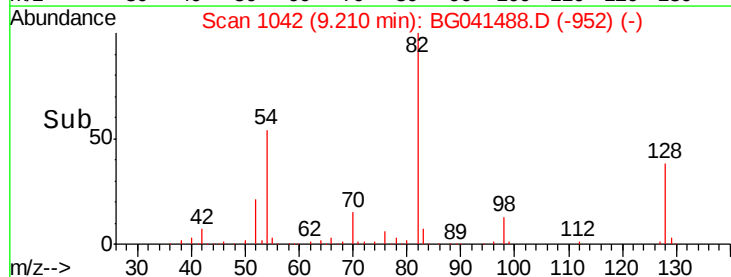
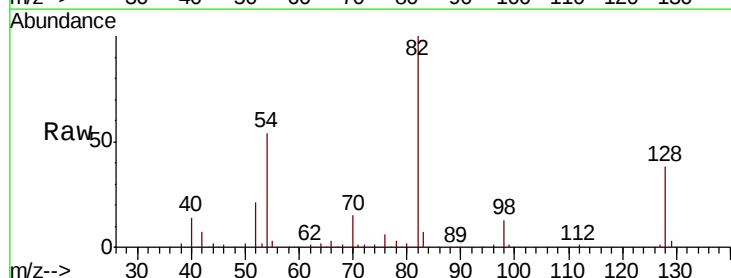
Instrument :
BNA_G
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MH-J-A-UNTREATED

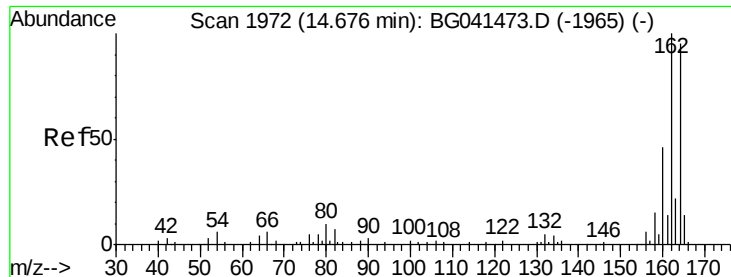
Tgt Ion:	136	Resp:	121876
Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.3	13.9
54	6.9	7.1	10.7#
68	4.3	3.3	4.9



#23
Nitrobenzene-d5
Concen: 85.559 ng
RT: 9.21 min Scan# 1042
Delta R.T. -0.00 min
Lab File: BG041488.D
Acq: 27 Jun 2019 13:06

Tgt Ion:	82	Resp:	250021
Ion	Ratio	Lower	Upper
82	100		
128	37.8	30.9	46.3
54	54.2	42.2	63.2





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.67 min Scan# 1972

Delta R.T. -0.00 min

Lab File: BG041488.D

Acq: 27 Jun 2019 13:06

Instrument :

BNA_G

ClientSampleId :

MH-J-A-UNTREATED

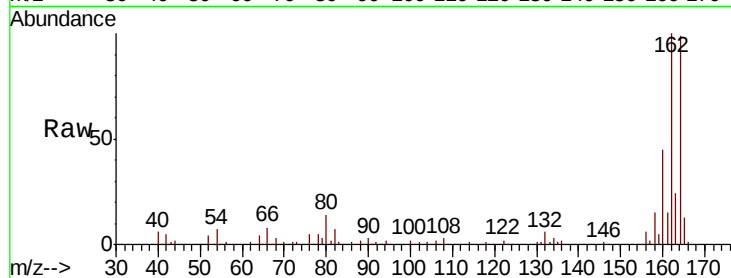
Tgt Ion:164 Resp: 87190

Ion Ratio Lower Upper

164 100

162 101.1 84.4 126.6

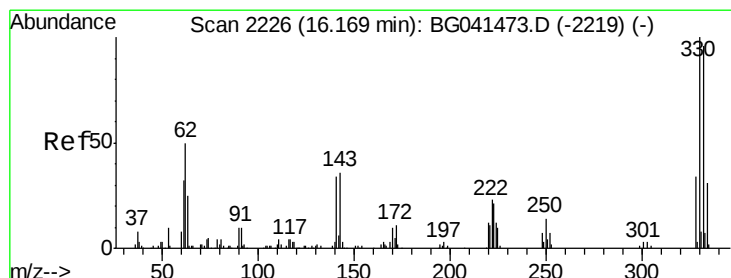
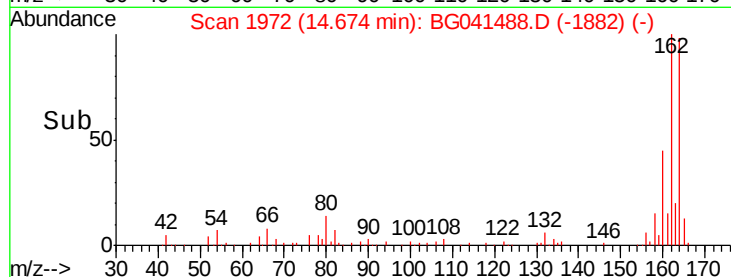
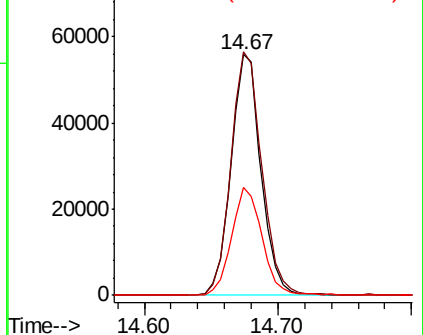
160 45.0 38.8 58.2



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#42

2,4,6-Tribromophenol

Concen: 130.661 ng

RT: 16.17 min Scan# 2227

Delta R.T. 0.00 min

Lab File: BG041488.D

Acq: 27 Jun 2019 13:06

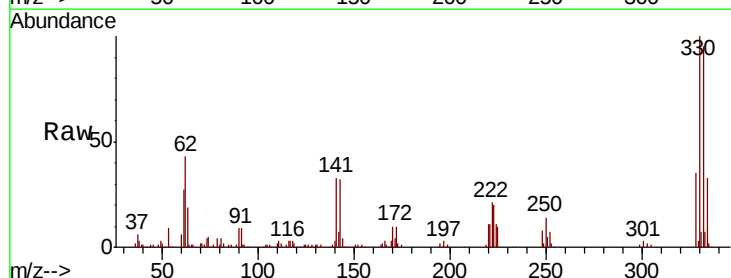
Tgt Ion:330 Resp: 194517

Ion Ratio Lower Upper

330 100

332 95.9 75.5 113.3

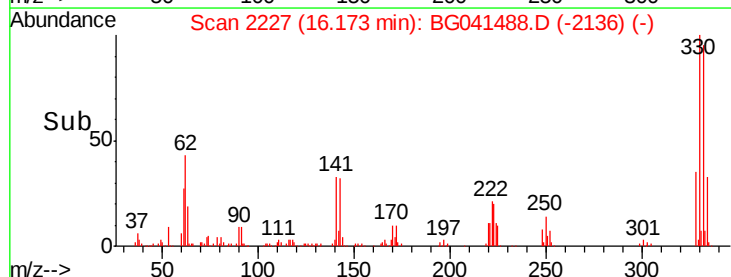
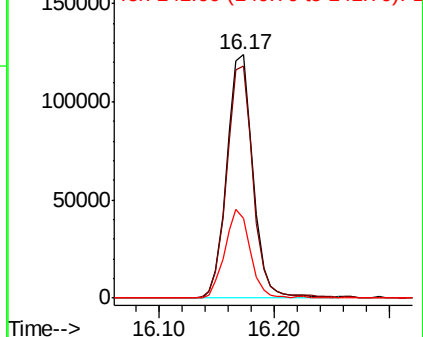
141 35.3 27.8 41.6

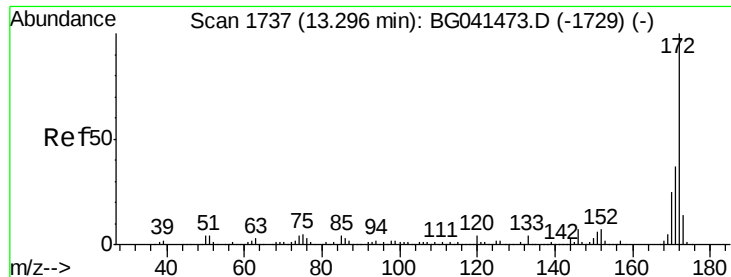


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

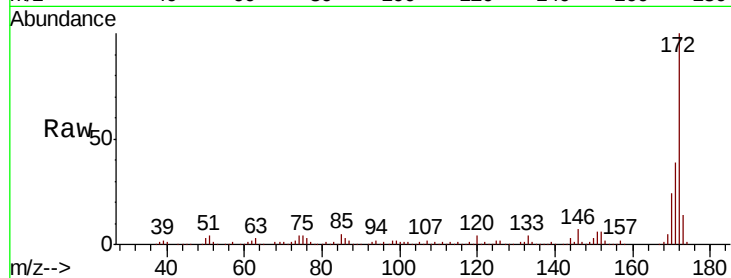




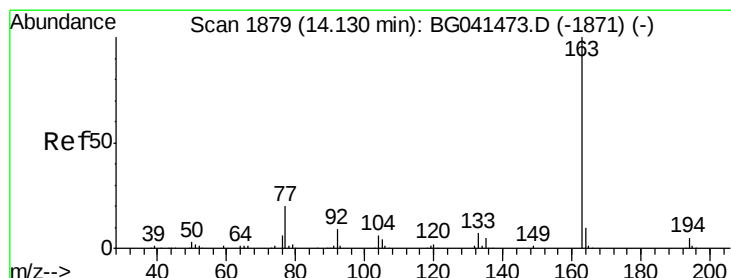
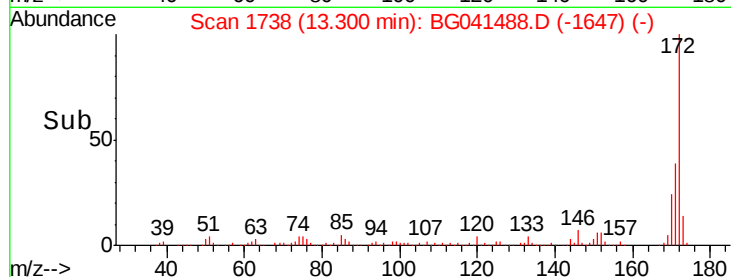
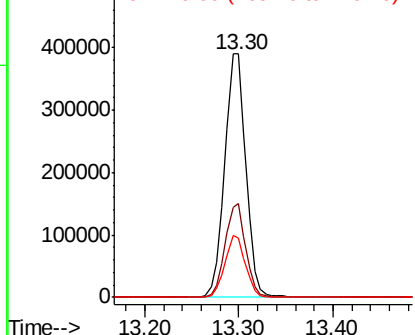
#45
 2-Fluorobiphenyl
 Concen: 90.039 ng
 RT: 13.30 min Scan# 1738
 Delta R.T. 0.00 min
 Lab File: BG041488.D
 Acq: 27 Jun 2019 13:06

Instrument :
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 MH-J-A-UNTREATED

Tgt Ion:172 Resp: 611766
 Ion Ratio Lower Upper
 172 100
 171 38.5 29.6 44.4
 170 24.5 20.0 30.0

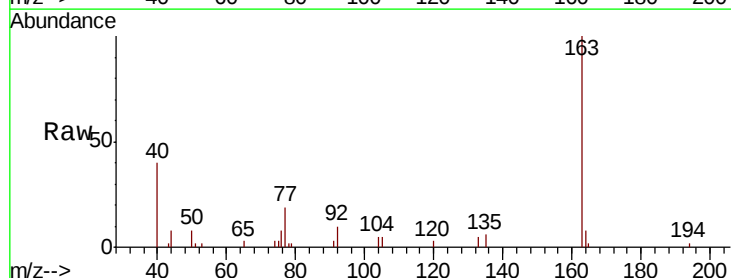


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

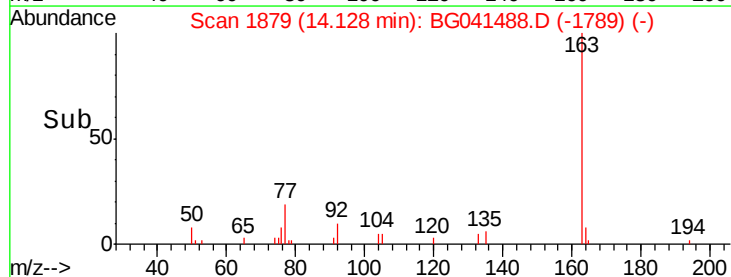
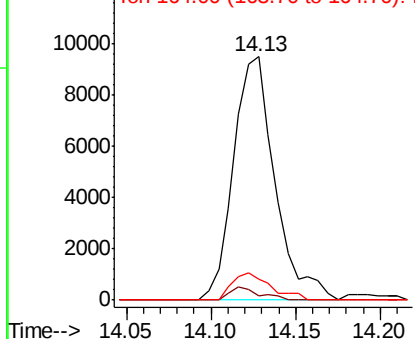


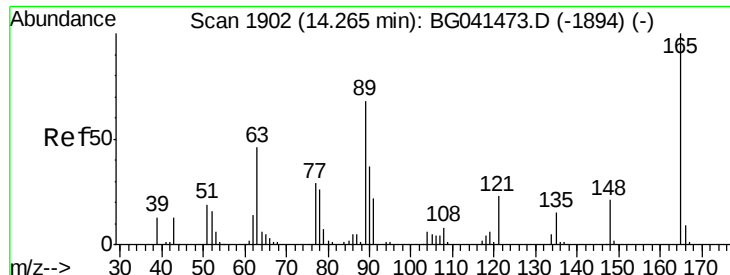
#50
 Dimethylphthalate
 Concen: 2.038 ng
 RT: 14.13 min Scan# 1879
 Delta R.T. -0.00 min
 Lab File: BG041488.D
 Acq: 27 Jun 2019 13:06

Tgt Ion:163 Resp: 16169
 Ion Ratio Lower Upper
 163 100
 194 1.9 3.7 5.5#
 164 8.3 7.8 11.6



Abundance Ion 163.00 (162.70 to 163.70): E
 Ion 194.00 (193.70 to 194.70): E
 Ion 164.00 (163.70 to 164.70): E

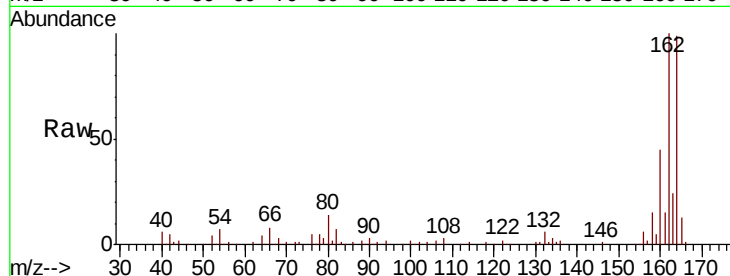




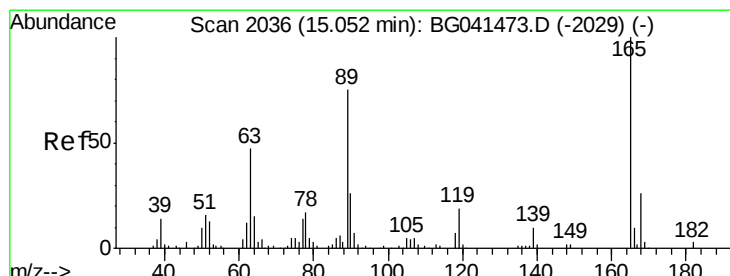
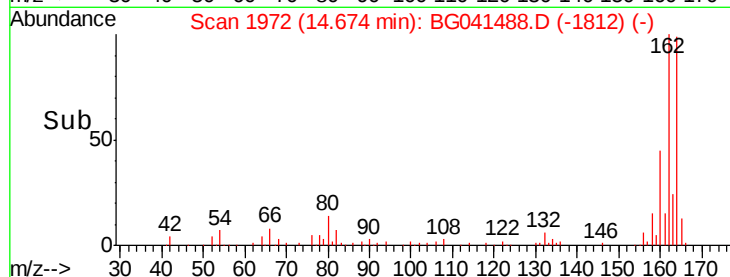
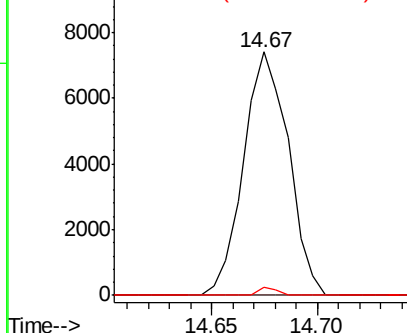
#51
 2,6-Dinitrotoluene
 Concen: 6.488 ng
 RT: 14.67 min Scan# 1972
 Delta R.T. 0.41 min
 Lab File: BG041488.D
 Acq: 27 Jun 2019 13:06

Instrument :
 BNA_G
 ClientSampleId :
 MH-J-A-UNTREATED

Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	56.4	84.6#
89	3.1	54.6	81.8#



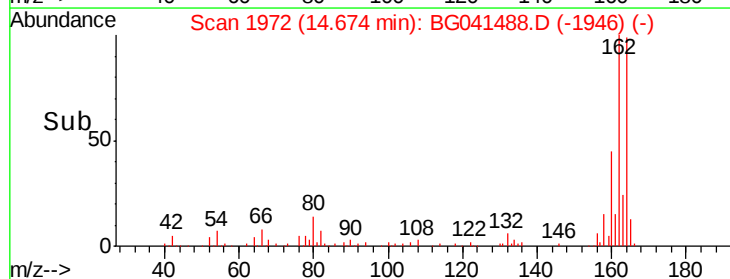
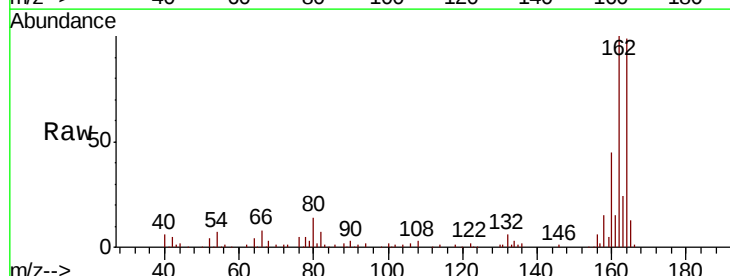
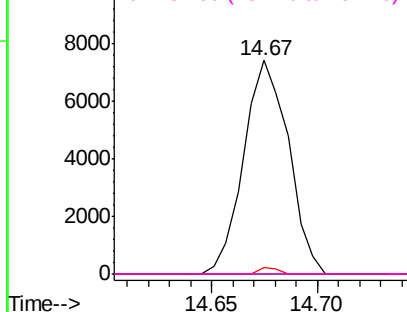
Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BGC
 Ion 89.00 (88.70 to 89.70): BGC

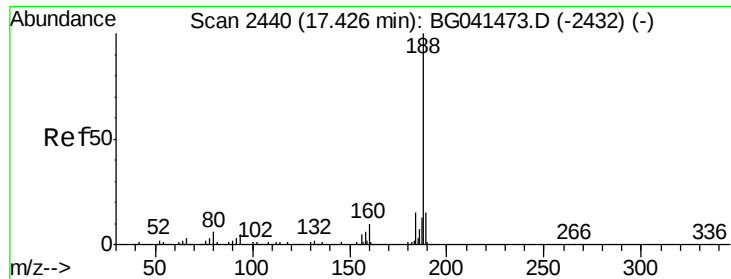


#57
 2,4-Dinitrotoluene
 Concen: 4.472 ng
 RT: 14.67 min Scan# 1972
 Delta R.T. -0.38 min
 Lab File: BG041488.D
 Acq: 27 Jun 2019 13:06

Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	38.8	58.2#
89	3.1	60.1	90.1#
182	0.0	2.2	3.2#

Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BGC
 Ion 89.00 (88.70 to 89.70): BGC
 Ion 182.00 (181.70 to 182.70): E

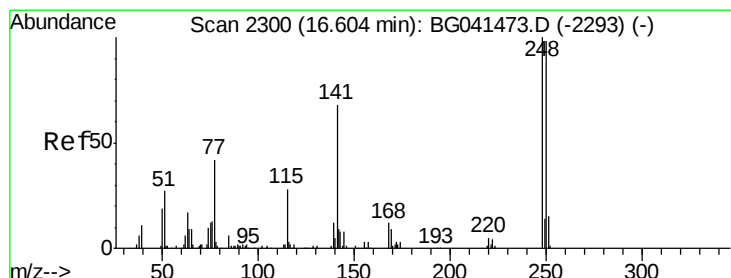
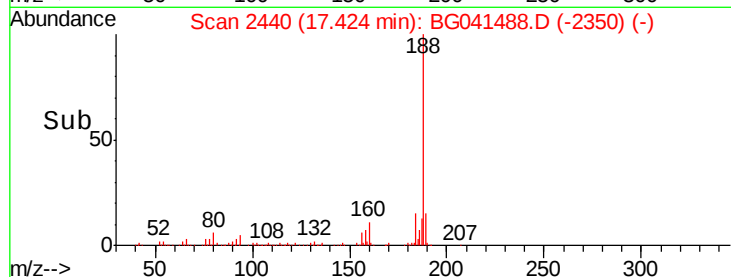
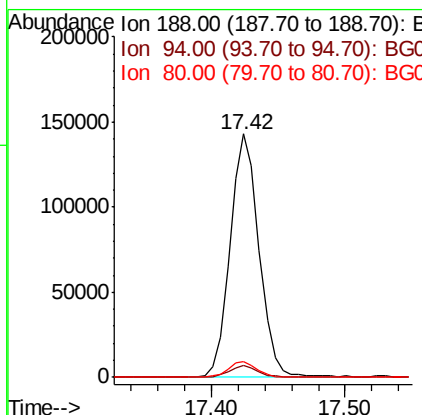
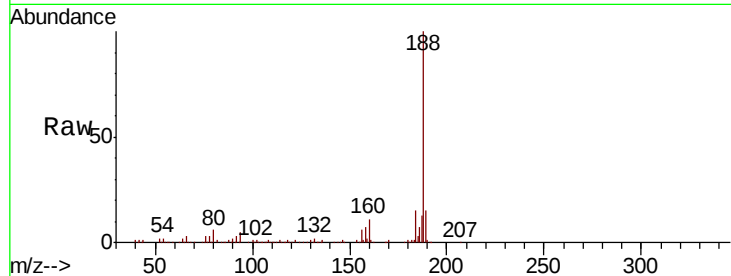




#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.42 min Scan# 2440
 Delta R.T. -0.00 min
 Lab File: BG041488.D
 Acq: 27 Jun 2019 13:06

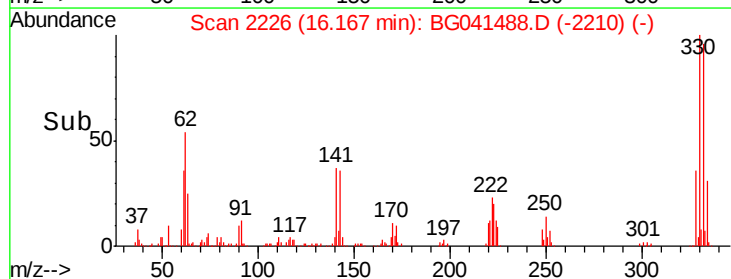
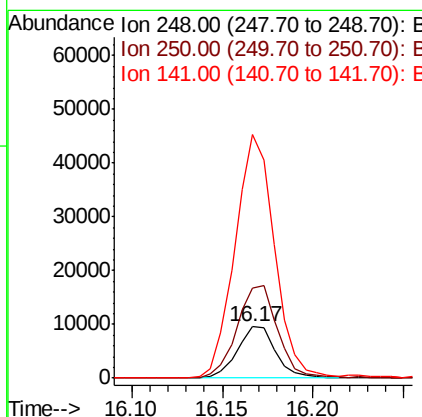
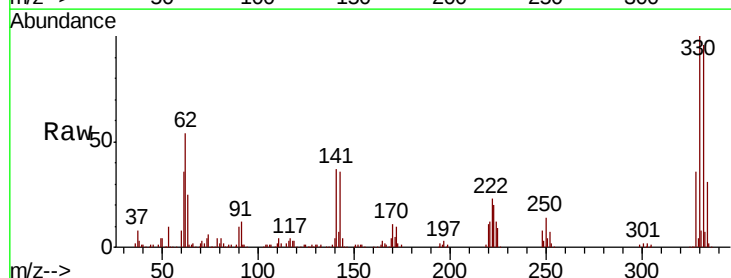
Instrument :
 BNA_G
 ClientSampleId :
 MH-J-A-UNTREATED

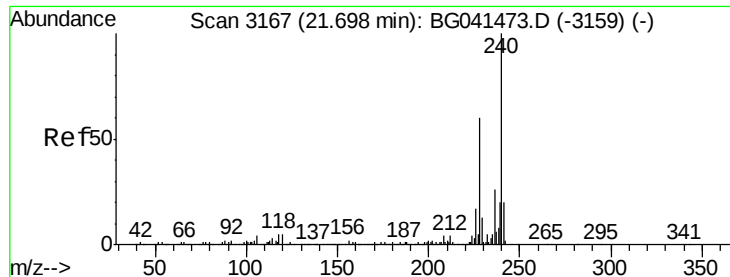
Tgt Ion	Ratio	Lower	Upper
188	100		
94	4.8	3.8	5.8
80	6.4	4.8	7.2



#67
 4-Bromophenyl-phenylether
 Concen: 4.775 ng
 RT: 16.17 min Scan# 2226
 Delta R.T. -0.44 min
 Lab File: BG041488.D
 Acq: 27 Jun 2019 13:06

Tgt Ion	Ratio	Lower	Upper
248	100		
250	176.7	78.1	117.1#
141	477.0	54.1	81.1#

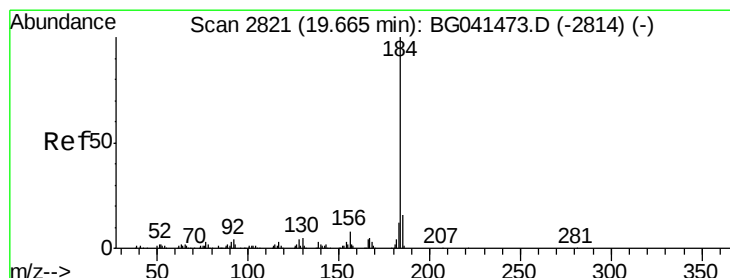
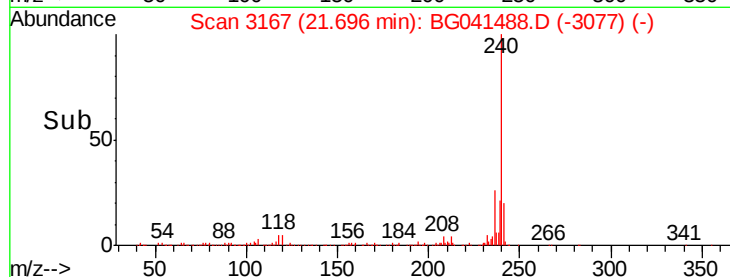
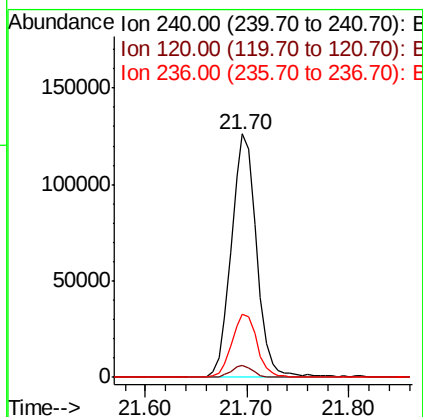
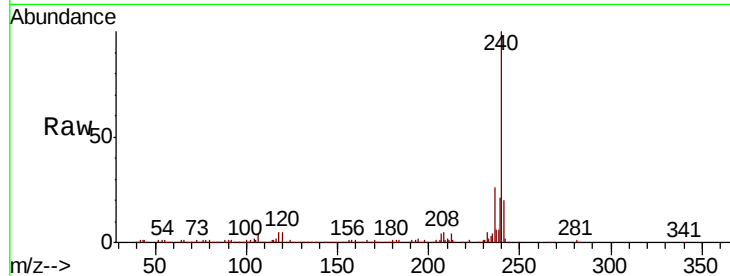




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.70 min Scan# 3167
Delta R.T. -0.00 min
Lab File: BG041488.D
Acq: 27 Jun 2019 13:06

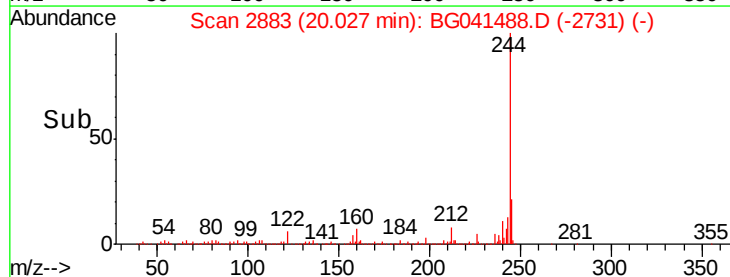
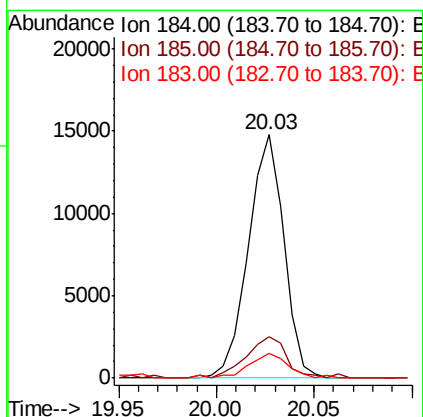
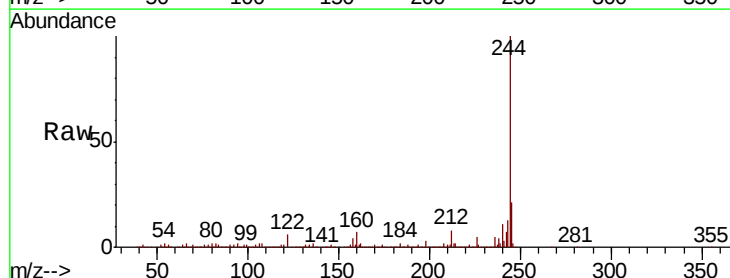
Instrument :
BNA_G
ClientSampleId :
MH-J-A-UNTREATED

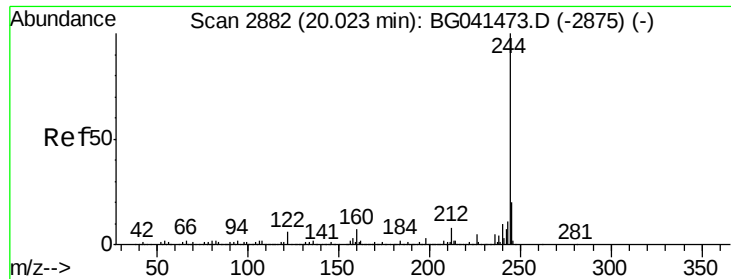
Tgt Ion:240 Resp: 217659
Ion Ratio Lower Upper
240 100
120 4.8 3.7 5.5
236 26.1 20.8 31.2



#77
Benzidine
Concen: 3.843 ng
RT: 20.03 min Scan# 2883
Delta R.T. 0.36 min
Lab File: BG041488.D
Acq: 27 Jun 2019 13:06

Tgt Ion:184 Resp: 18557
Ion Ratio Lower Upper
184 100
185 16.9 12.7 19.1
183 10.2 9.4 14.2





#79

Terphenyl-d14

Concen: 107.215 ng

RT: 20.03 min Scan# 2883

Delta R.T. 0.00 min

Lab File: BG041488.D

Acq: 27 Jun 2019 13:06

Instrument :

BNA_G

ClientSampleId :

MH-J-A-UNTREATED

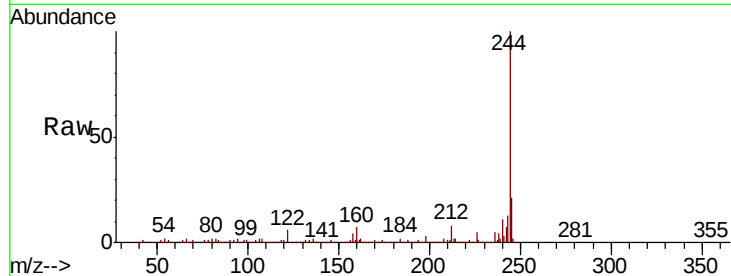
Tgt Ion:244 Resp: 1098135

Ion Ratio Lower Upper

244 100

212 8.3 6.2 9.4

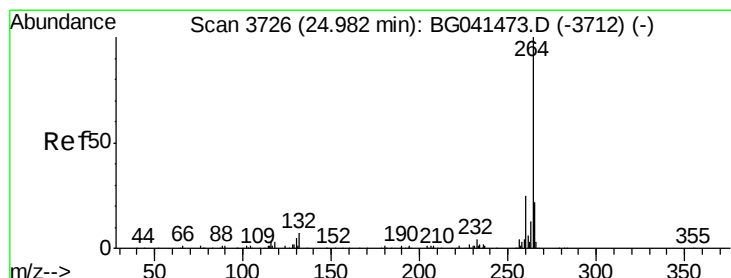
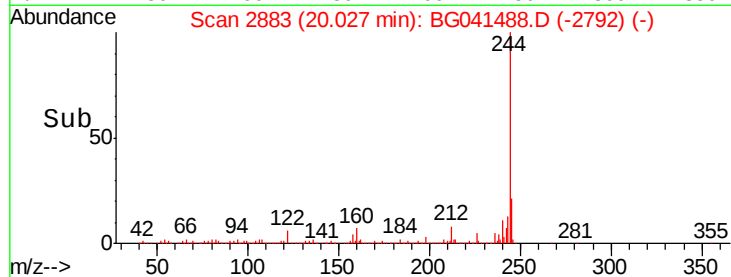
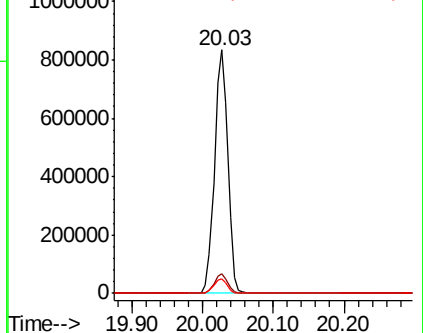
122 6.0 4.8 7.2



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#87

Perylene-d12

Concen: 20.000 ng

RT: 24.98 min Scan# 3726

Delta R.T. -0.00 min

Lab File: BG041488.D

Acq: 27 Jun 2019 13:06

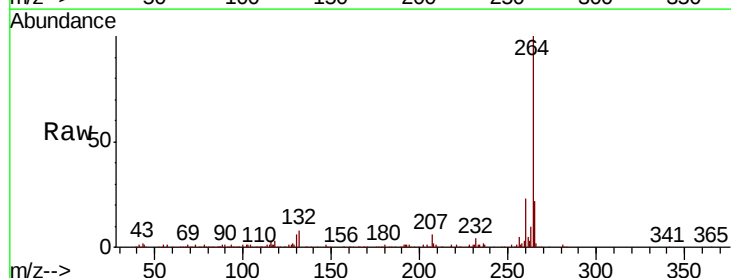
Tgt Ion:264 Resp: 237848

Ion Ratio Lower Upper

264 100

260 23.0 19.7 29.5

265 21.8 17.4 26.2



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

